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ABSTRACT OF THE DISCLOSURE

An elastomeric composition includes at least one diene elastomeric polymer, at least one paraffin wax, and at least one polymer of at least one C<sub>3</sub>-C<sub>24</sub> α-olefin having a number average molecular weight not higher than 10,000. A tyre for a vehicle wheel includes at least one structural element made of a crosslinked elastomeric material. The crosslinked elastomeric material includes the elastomeric composition. The tyre may include a carcass structure including at least one carcass ply shaped in a toroidal configuration, a belt structure including at least one belt strip applied in a circumferentially external position relative to the carcass structure, a tread band superimposed circumferentially on the belt structure, and a pair of sidewalls applied laterally on opposite sides relative to the carcass structure. The pair of sidewalls may be formed by the elastomeric composition. A crosslinked elastomeric manufactured product is obtained by crosslinking the elastomeric composition.